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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
08/453,393	05/30/95	SCHWAB	VEI-01102/03

26M2/0715  
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BOCCIA EXAMINER	
ART UNIT	PAPER NUMBER
2615	3

DATE MAILED:

07/15/96

Please find below a communication from the EXAMINER in charge of this application.

Joe Attached.

Commissioner of Patents

# Office Action Summary

Application No.

08/453,393

Applicant(s)

Barry H. Schwab

Examiner

Vincent F. Boccio

Group Art Unit

2615



☐ Responsive to communication(s) filed on \_\_\_\_\_.

☐ This action is FINAL.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

☒ Claim(s) 1-5 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-5 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been  
☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_.

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

### Part III DETAILED ACTION

#### *Specification*

1. Applicant is reminded of the proper language and format of an Abstract of the Disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 250 words. It is important that the abstract not exceed 250 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said", should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

2. The Abstract of the Disclosure is objected to because use of improper phraseology, see page 15 for changes.

Correction is required. See M.P.E.P. § 608.01(b).

#### *Claim Rejections - 35 USC § 103*

3. The following is a quotation of 35 U.S.C. § 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same

person or subject to an obligation of assignment to the same person.

4. Claims 1-5 are rejected under 35 U.S.C. § 103 as being unpatentable over Piosenka et al.(US 4,993,068) in view of Blonstein et al.(US 5,319,724).

Piosenka et al., in Fig. 1 discloses a system for personal identification for identifying users at remote access control sites comprising substantially the same system wherein there is at least one centralized computer(trusted computer system-1) storing a database of image files(see col. 5, lines 28-30) a plurality of remote terminals(see Fig. 1, modems-25 and "To Remote Sites") in operative communication with one or more of the centralized computers and means located at the site of each remote terminal for information to be verified by the system(display-55), the verification of the information relying at least in part on an image file stored at the centralized computer(see col. 5, lines 28-38) as specified in claim 1; and further including means located at a remote data terminal(display-55) for gathering image-related information(camera-11) for comparison with an image file stored at a centralized computer(see col. 7, lines 38-50) as specified in claim 2; and wherein the means for gathering image-related information includes video camera(camera-11) to input a video image of an individual to be verified as specified in claim 3; and wherein the means for gathering image-related information includes a graphical input device having a stylus(pressure

sensitive tablet-15) with which an individual to be verified may input a signature as specified in claim 4; and wherein the means for gathering image-related information includes means for imaging a fingerprint of an individual to be verified(finger print reader-13) as specified in claim 5.

Piosenka et al., fails to particularly disclose that the images stored in a database are compressed image files, but Blonstein et al. teaches that images can be compressed utilizing DCT(discrete cosine transform compatible with JPEG) to save money in memory or to adhere to transmission requirements. It would have been obvious to one of ordinary skilled in the art to incorporate the teaching of Blonstein et al., compressing still images with the system of Piosenka et al. to save money in memory space and to speed up the comparison process through compression of image data relating to transmission requirement of existing phone lines or other transmission means as specified in claim 1.

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

(A) Denenberg et al.(US 5,521,984), discloses a method and system for determining the authenticity of an item such as an original work of art, valuable jewelry or other valuable items preferable at the microscopic level, as one or more "signatures" of the item.

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(B) Fishbine et al.(US 5,467,403), discloses a portable fingerprint scanning apparatus which can optically scan and record fingerprint images in the field and transmit said images to a mobile unit for processing and subsequent wireless transmission to a central location for the purpose of providing immediate identity and background checks on the individual being finger printed.

(C) Schwalm et al.(US 5,339,361), discloses a communication system which has a verification mechanism to identify both the sender and recipient of electronic information.

(D) Villa(US 5,228,094), discloses a system to identify and authenticate data characterizing an individual, by verifying this data using a biometer.

(E) Lafreniere(US 4,821,118), discloses a system for rapidly recording a person and his identification(ID) card makes video images of the persons hand palm and face along with the ID card presented by the person that may be a badge or other ID and combines those images and presents the combined image on a video monitor for immediate inspection by a guard.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vincent F. Boccio whose telephone number is (703) 306-3022.

V. Boccio  
July 8, 1996

  
TOMMY P. CHIN  
SUPERVISORY PATENT EXAMINER  
GROUP 2600